

# EPSON Stylus® C80

## Printer Basics



Printed on recycled paper

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# Welcome!

For business and professional users, the EPSON Stylus® C80 printer introduces a new era of superior color desktop printing. With resolutions up to 2880 × 720 dpi, it delivers ultra sharp text and clear, vibrant colors at extremely fast print speeds—up to 20 ppm for black text printing.

But what makes the EPSON Stylus C80 truly stand out from the competition is EPSON's exclusive DuraBrite™ ink technology. This quick-drying, super-penetrating ink is both water-resistant and fade-resistant. When properly cared for, your prints can last for many years.



The light resistance of prints is rated up to seventy years with EPSON Archival™ Matte Paper. This rating is based on accelerated testing of prints on special media, displayed indoors, under glass. Actual print stability will vary according to image, display conditions, light intensity, humidity, and atmospheric conditions. EPSON does not guarantee the longevity of prints. Lightfastness ratings do not estimate the durability of the paper itself. For maximum print life, display all prints under glass or lamination or properly store them.

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## About Your Documentation

To set up your printer and install its software, see the *Start Here* sheet. This book contains system requirements, important safety information, and instructions on:

- viewing your on-screen *Reference Guide*
- printing with Windows® or on a Macintosh®
- maintaining the printer
- solving basic problems

For more details about printing with, maintaining, or troubleshooting your printer, see your on-screen *Reference Guide*, as described on page 2.

## Warnings, Cautions, Notes, and Tips

Please follow these guidelines:



Warnings must be followed carefully to avoid bodily injury.



Cautions must be observed to avoid damage to your equipment.



Notes contain important information about your printer.






Tips contain additional hints for better printing.

## Viewing Your On-Screen Reference Guide

Your printer CD-ROM includes an on-screen *Reference Guide*. It is in HTML format, so you need a browser—such as Microsoft® Internet Explorer 3.0 or later or Netscape Navigator™ 3.0 or later—to view it. If you are using a different browser, the pages may not display correctly. (A browser is not included on the printer software CD-ROM.)

You can view this *Reference Guide* from the CD-ROM or copy it to your hard drive and view it from there. Follow these steps:

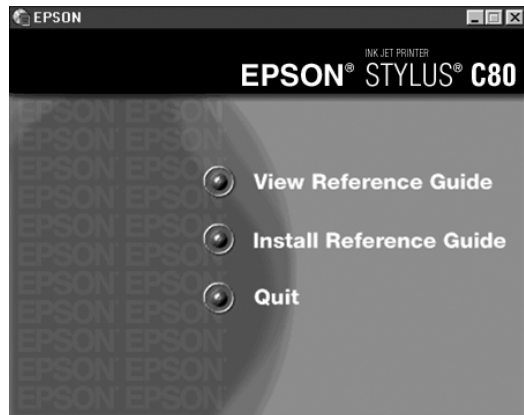
1. Insert your printer software CD-ROM.
2. **Windows:** Double-click  My Computer (for Windows XP, click Start first), double-click your  CD-ROM or DVD drive icon, then double-click the  EPSON icon.

**Macintosh:** Double-click the  EPSON icon on your desktop. Then double-click the  EPSON icon in your CD-ROM window.

The Main Menu appears:



3. Click View Reference Guide.  
You see this screen.
4. You can either view the manual from the CD-ROM (View Reference Guide) or copy the manual to your hard drive (Install Reference Guide) and view it from there. For details on viewing the manual, see the next section.



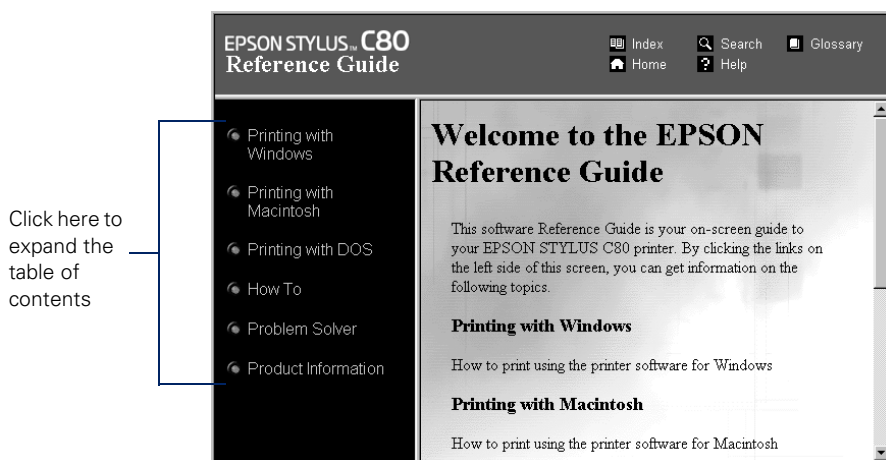
If you copied the manual to your hard drive, you can access it at any time, as follows:

**Windows:** Select Start > Programs (or All Programs) > EPSON, and click ES C80 Guide.

**Macintosh:** Open the EPSON STYLUS C80 folder and double-click View Reference Guide.



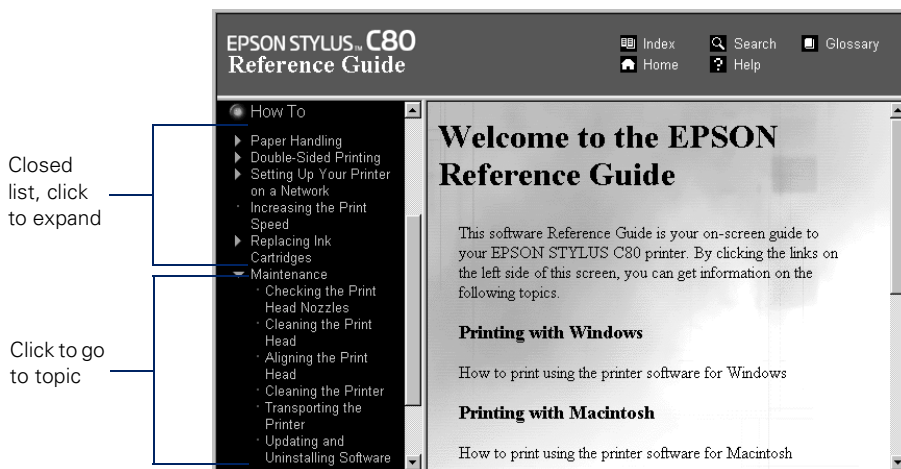
When you first open the *Reference Guide*, you see this screen:



Click a topic on the left to expand the table of contents. After expanding the table of contents, you can click on the topic you want to view.

If there's a right arrow ▶, click it to view subtopics, then click on a topic to go to it.

Click the down arrow ▼ to close a subtopic list.



If you see an icon for a graphic when viewing your *Reference Guide* in Netscape Navigator, click the Reload button to load the graphic.

# Printing from Start to Finish

Here's what to do to print a basic document—such as a photograph or newsletter—from loading the paper to selecting print settings to controlling the print job. Follow the instructions in these sections:

- “Loading Paper” on page 6
- “Printing with Windows” on page 7
- “Printing on a Macintosh” on page 11
- “Selecting the Correct Media Type” on page 14

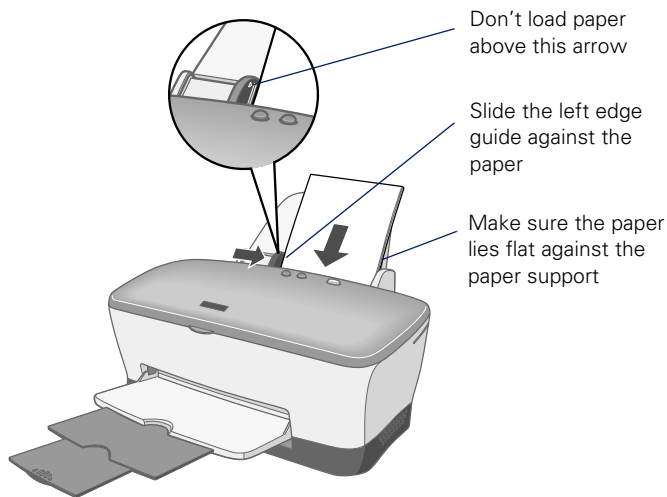
If you're already familiar with EPSON ink jet printing, you can skip to these sections:

- “Printing On Envelopes” on page 15
- “Using PhotoEnhance, Custom, and Advanced Settings” on page 16
- “Printing on Both Sides of the Paper” on page 20

## Loading Paper

You can load up to 150 sheets of plain paper in your printer's sheet feeder, as long as your stack does not come above the arrow on the printer's left edge guide.

Fan the stack of paper before loading it. Then place your paper against the right edge of the sheet feeder and slide the left edge guide against the paper. (Don't push the paper deeper into the feeder.) Make sure the paper lies flat against the paper support.



Follow these guidelines when loading paper:

- Fan paper before loading it and make sure it lies flat against the paper support.
- Load the printable side face up. It's usually whiter or brighter than the other side.
- Always load the short edge first, even when printing in landscape mode.
- Load letterhead or preprinted paper into the printer top edge first.
- Don't load paper above the arrow on the left edge guide.
- If you experience paper feeding problems, try loading fewer sheets.

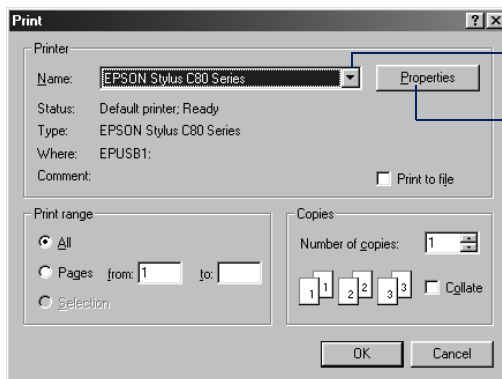


For instructions on using special media, see your on-screen *Reference Guide*.

# Printing with Windows

This section describes the basic steps for printing with Windows. Make sure you have paper in the printer, as described on page 6. After you create your document in a software program, follow these steps to print:

1. From the File menu, click Print. You see your application's Print dialog box (your dialog box may look different):



Select your printer here

Click here to open  
your printer software

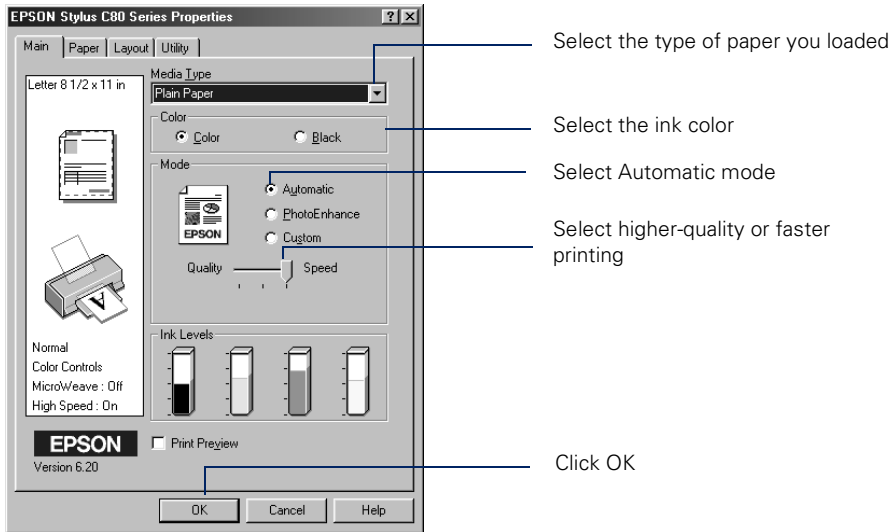
2. Make sure your EPSON Stylus C80 printer is selected.
3. Click the Properties button (Preferences button for Windows XP). If you see a Setup, Printer, or Options button, click it. Then click Properties (or Preferences) on the next screen.



If you click the print icon on your application's tool bar instead of selecting Print from the File menu, you may not get the option to change the printer software settings before printing.

You see the Main menu of your printer settings dialog box.

The most important thing to remember is to set the correct Media Type for the paper you're using. The printer automatically adjusts other settings to optimize the results for your media.



#### 4. Make the following settings:

- Choose the Media Type for your paper (click the arrow to display the Media Type list). If you're not sure which setting to select, see page 14.
- For Ink, select Color to print a color document, or Black to print a grayscale or black text document.
- Set the Mode option to Automatic. It's the easiest way to get good printing results on all types of paper.
- Set the slider in the Mode box to Quality or Speed to select high-quality or faster printing. (The slider may not be available for your Media Type.)

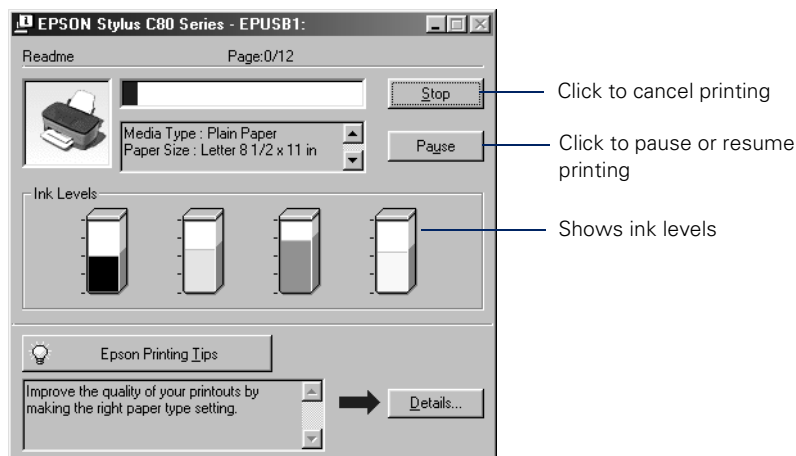
Plain Paper
Bright White Ink Jet Paper
Photo Quality Ink Jet Paper
Matte Paper - Heavyweight
<b>Double-Sided Matte Paper</b>
Archival Matte Paper
Premium Semigloss Photo Paper
Premium Glossy Photo Paper
Ink Jet Transparencies

5. Click the Paper tab at the top of the window if you need to change the paper size, number of copies, page orientation, or printable area.
6. Click the Layout tab if you want to reduce or enlarge your printed image, print multiple layouts, or add a watermark.
7. Click OK to return to the Print dialog box.
8. Click OK (or Print) to begin printing.



For more information about printer settings, click the Help button. You can also right-click any item on the screen and then click What's This?.


After a moment, this window appears and shows the progress of your print job. You can use the buttons to cancel, pause, or restart printing. You can also see how much ink you have left.



For more information on printing—for example, using advanced printer settings, previewing your printout, or adding a watermark—see your on-screen *Reference Guide* (described on page 2) or your printer software online help.

## ***Selecting the Settings You Use Most Often***

Your printer settings apply only to the application you're currently using. If you usually print one type of document in different applications—for example, color flyers on letter-size paper—you can change the default printer settings for all your programs.

1. Right-click the  printer icon on your taskbar (in the lower right corner of your screen).
2. Select Printer Settings. You see the Main menu of your printer settings dialog box, as shown on page 8.
3. Select the default settings you want to use for all your applications. Click OK when you're finished.

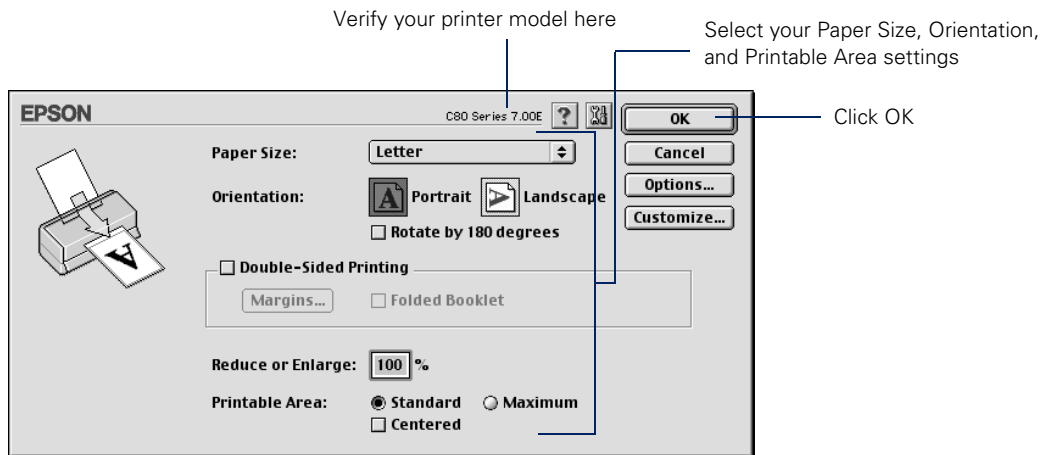
Remember that you can always change the settings in your program when you want to print different types of documents.

Another way to select your most frequently used settings quickly is to save them as a group; see your on-screen *Reference Guide* for details.

# Printing on a Macintosh

This section describes the basic steps for printing on a Macintosh. Make sure you have paper in the printer, as described on page 6. After you create your document in a software program, follow these steps to print:

1. From the File menu, click Page Setup. You see your printer software's page setup dialog box (your dialog box may look slightly different):

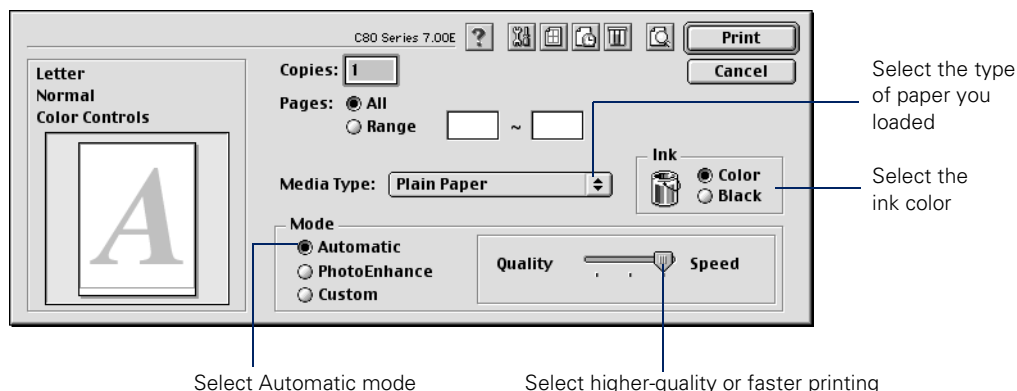


2. Make sure C80 Series is selected. If not, you need to select your printer in the Chooser, as described on the *Start Here* sheet.
3. Select the correct Paper Size, Orientation, and other settings. Then click OK.



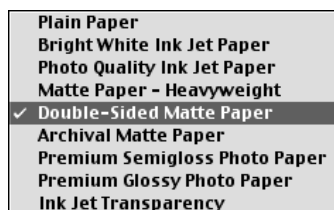
4. From the File menu, click Print. You see the main printer settings dialog box (your dialog box may look slightly different).

The most important thing to remember is to set the correct Media Type for the paper you're using. The printer automatically adjusts other settings to optimize the results for your media.







5. Make the following settings:

- Choose the Media Type for your paper (click the arrow to display the Media Type list). If you're not sure which setting to select, see page 14.
- For Ink, select Color to print a color document. To print a grayscale or black text document, click Black.
- Set the Mode to Automatic. It's the easiest way to get good printing results on all types of paper.
- Set the slider in the Mode box to Quality or Speed to select higher quality or faster printing. (The slider may not be available for your Media Type.)

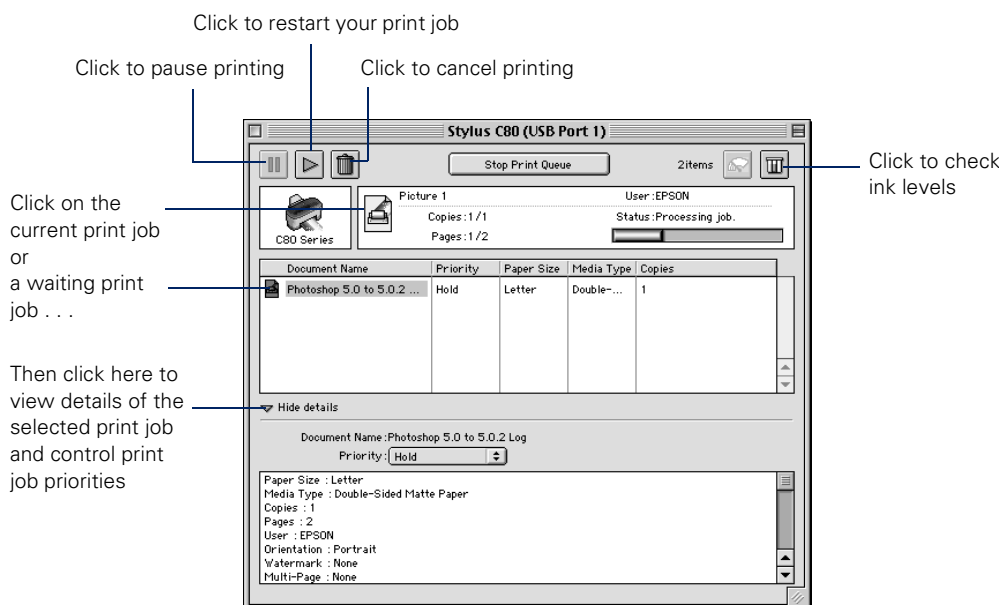


6. You can also do the following:

- Click  to reduce or enlarge your image, print multiple layouts, or add a watermark.
- Click  to control background printing.
- Click  to change the Print button to Preview. You can then click it to preview your printout.
- Click  to check your ink levels. If the printer's  $\Delta$  ink out light is flashing or on, check to see if one of your ink cartridges is low or empty.

7. Click Print to start printing.

If you turned on background printing, you can select EPSON Monitor3 from the Macintosh Application menu to see this dialog box:



If you're not using background printing and you need to cancel the current print job, hold down the  $\text{⌘}$  key and press the . (period) key.

For more information on printing—for example, using advanced settings, previewing your printout, or adding a watermark—see your on-screen *Reference Guide* (described on page 2).

## Selecting the Correct Media Type

Your printer automatically adjusts itself for the type of paper you select in your printer software. That’s why the Media Type setting is so important. It tells your printer what kind of paper you’re using and adjusts the ink coverage accordingly.

Here are the settings you should choose for your paper:

Plain Paper
Bright White Ink Jet Paper
Photo Quality Ink Jet Paper
Matte Paper - Heavyweight
Double-Sided Matte Paper
Archival Matte Paper
Premium Semigloss Photo Paper
Premium Glossy Photo Paper
Ink Jet Transparencies

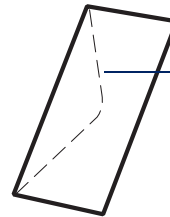
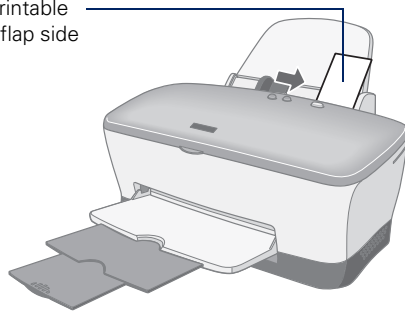
For this paper . . .	Select this Media Type setting . . .
Plain paper sheets or envelopes	Plain Paper
EPSON Premium Bright White Paper	Bright White Ink Jet Paper
EPSON Photo Quality Ink Jet Paper EPSON Photo Quality Ink Jet Cards EPSON Photo Quality Self Adhesive Sheets	Photo Quality Ink Jet Paper
EPSON Premium Glossy Photo Paper	Premium Glossy Photo Paper
EPSON Premium Semigloss Photo Paper	Premium Semigloss Photo Paper
EPSON Matte Paper - Heavyweight	Matte Paper - Heavyweight
EPSON Double-Sided Matte Paper	Double-Sided Matte Paper
EPSON Archival Matte Paper	Archival Matte Paper
EPSON Ink Jet Transparencies	Ink Jet Transparencies

# Printing On Envelopes

You can load up to 15 envelopes at a time. Follow these steps to print on envelopes:

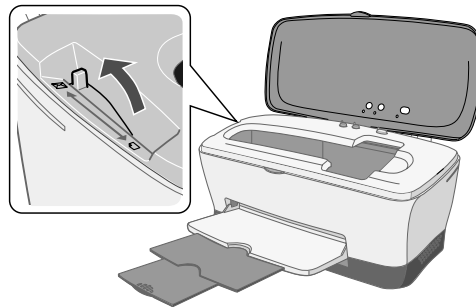
1. Load the envelopes short edge first against the right edge of the sheet feeder. The printable side should be up, and the flap side should be down and on the left. Slide the left edge guide against them.

Load with the printable side up and the flap side down



Make sure the flap side is on the left

2. Open the printer cover and set your printer's thickness lever to the ☒ position. (Remember to move the thickness lever back to the ☐ position when you're done.)



3. Make the following settings in your printer software:

- For Media Type, select Plain Paper
- For Orientation, select Landscape
- For Paper Size, select Envelope #10 4 1/8 × 9 1/2 in (Windows) or Envelope #10 (Macintosh)

See page 7 (Windows) or page 11 (Macintosh) for more information about making printer software settings.

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# Using PhotoEnhance, Custom, and Advanced Settings

When you're printing special projects, you can customize your printer software settings, as described in these sections:

- “Enhancing Photos” below
- “Using Custom Project Types” on page 17
- “Using Advanced Settings” on page 18

For additional information on these settings, see the on-screen *Reference Guide*, as described on page 2.

## ***Enhancing Photos***

The printer software includes PhotoEnhance™ options that adjust image brightness and contrast to improve the appearance of low-resolution or improperly exposed photos. You can also use PhotoEnhance to add special effects.

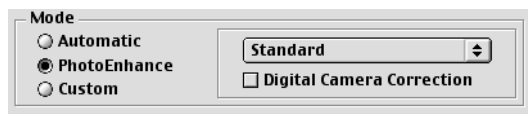


If you're printing high-resolution images, you may want to use the Automatic setting instead, as described on page 8 (Windows) or page 12 (Macintosh).

PhotoEnhance does not affect your original image; it only affects your printout. Printing with PhotoEnhance may take longer on some systems.

To use PhotoEnhance, you must select Color ink; you cannot turn on PhotoEnhance with Black ink selected.

To use PhotoEnhance, set the Mode option to PhotoEnhance in your printer settings dialog box.



**Macintosh**



**Windows**

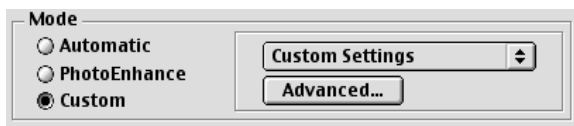
If your photo was taken with a digital camera, select Digital Camera Correction to give your printed images the appearance of photos taken with a film camera.

For more fine-tuning, select from a list of specialized settings for photographs, such as People or Nature, or select special filters, such as Soft Focus or a Sepia tint.

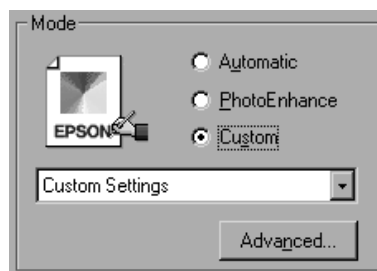
## ***Using Custom Project Types***

Your printer software includes custom project types with preset printing options. This lets you quickly select the best settings for your type of document, or select a color-matching method for your project.

To access the project types, click Custom, then click the Custom Settings list to open it.



**Macintosh**



**Windows**

Select one of these settings:

- Text (Windows) or Text/Graph (Macintosh): For printing graphics-intensive documents like presentations with charts and graphs.
- Economy: For printing rough drafts of text on plain paper. Saves ink.
- ICM (Image Color Matching; Windows only): For matching colors as closely as possible with ICM-compatible monitors or scanners.
- sRGB (standard Red Green Blue; recommended only with Windows 98, Windows Me, Windows 2000, or Windows XP): For color matching with other sRGB devices, or for images designed for the Web. See your Windows help for details.
- ColorSync® (Macintosh only): For matching colors to your screen as closely as possible, when used in conjunction with ColorSync-compatible devices and applications.



You can also fine-tune these settings on the Advanced dialog box to fit your individual needs, as described in the next section.

## ***Using Advanced Settings***

For maximum control over your project, you can customize your print settings—such as Print Quality and Gamma—and use special effects.

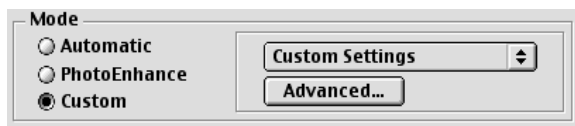
You can also improve the clarity of low-resolution images (under 100 dpi) by selecting the Edge Smoothing box on the Advanced dialog box.



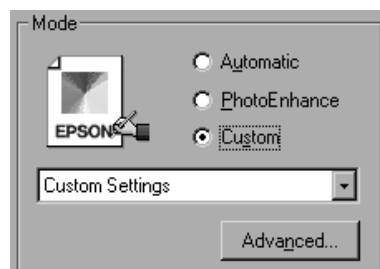
This setting is recommended for printing documents in PDF format, images downloaded from the Web, or posters that have been enlarged. For digital camera images, use Digital Camera Correction instead.

Edge Smoothing does not affect high resolution images.

To access the Advanced dialog box, set the Mode option to Custom in your printer settings dialog box. Then click the Advanced button that appears.

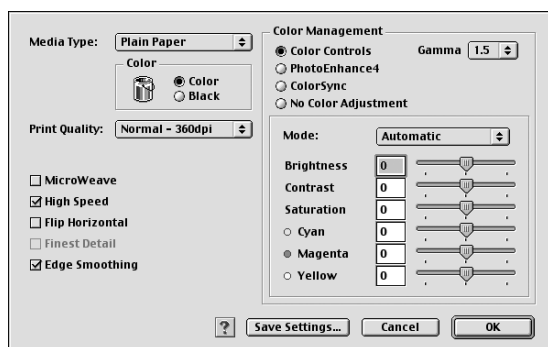


**Macintosh**

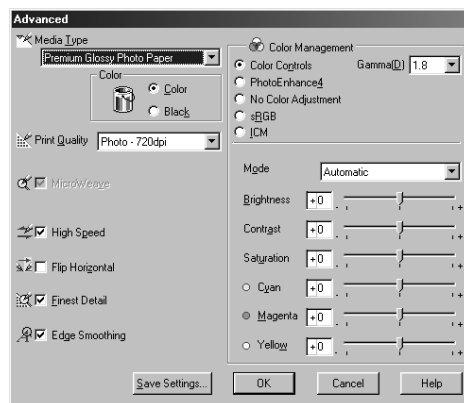


**Windows**

You see the Advanced dialog box:




**Macintosh**



**Windows**

After you customize your print settings on the Advanced dialog box, you can save them as a group and reuse them whenever you print a similar project. See your on-screen *Reference Guide* (as described on page 2) for instructions.

For more information about all the advanced settings, click the Help or  button.



## Printing on Both Sides of the Paper

You can print on both sides of the page with your printer's Double-Sided Printing setting. This section includes instructions for standard double-sided printing. For information about how to create single-fold booklets, see your electronic *Reference Guide*.

For best results, use EPSON Premium Bright White Paper or Double-Sided Matte Paper. However, you can also get excellent results using plain paper.



Don't print on both sides of paper that is designed for single-sided printing, such as EPSON Premium Glossy Photo Paper, Premium Semigloss Photo Paper, or Photo Quality Ink Jet Paper. Your print will be oversaturated.

Double-sided printing is not available when the printer is shared over a network.

Follow these steps to print on both sides of the page:

1. Load plain paper or another double-sided media in your printer.
  - For most media, you can print up to 60 pages at a time on 30 sheets of paper.
  - For Double-Sided Matte Paper, load only one sheet at a time.

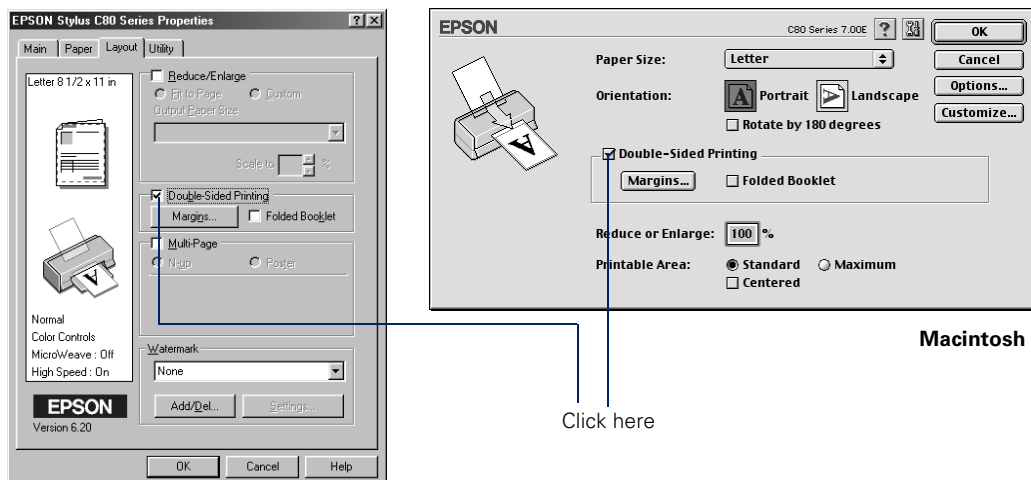


Print longer documents in sections. For example, if you're printing a 175-page document, print it in three sections of 60 pages (30 sheets), 60 pages (30 sheets), and 55 pages (28 sheets). Select the following page ranges in your print dialog box: 1–60, 61–120, 121–175.

If your long document has an odd number of pages, print even numbers of pages for the first sections and print an odd number for the last section. That way, if you have a blank page it will appear at the end of your document.

2. **Windows:** Open the printer software from your application. (See page 7 for details.) Choose the Media Type for your paper from the Media Type list. Then click the Layout tab and choose Double-Sided Printing.

**Macintosh:** Select File > Page Setup from your application to open your printer software's page setup dialog box. Then choose Double-Sided Printing.



**Windows**

**Macintosh**

3. Click OK to save your settings.
4. Start printing.

**Windows:** Click OK (or Print) in your application's Print dialog box.

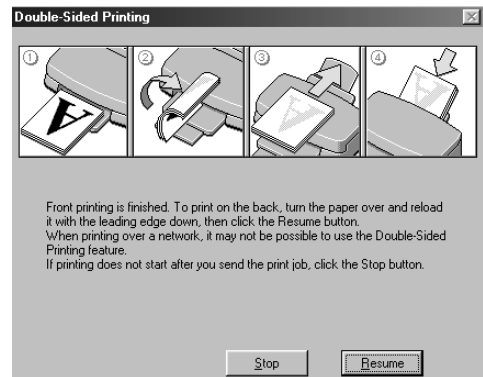
**Macintosh:** Select File > Print. Select the Media Type for your paper from the Media Type list in the printer settings dialog box. Then click Print.

The printer prints the odd-numbered page(s), starting with page 1.

When the odd-numbered page(s) have printed, you see an alert on your screen telling you to reload paper.



If you don't see the alert on your Macintosh, select EPSON Monitor3 from the Macintosh Application menu.



5. Leave the printed sheet(s) in your output tray for a moment to let them dry:
  - For most documents, let your printout dry for 30 seconds.
  - For graphics-intensive documents, let your printout dry for 60 seconds.
6. Remove the printed sheet(s) from the output tray. Without changing the order of the pages, reload the paper with the printed side down and the top edge first, as shown in the illustrations on the screen.
7. Click Resume to print on the other side of the page.

# Maintaining Your Printer

This section describes maintenance procedures to keep your printer working at its best and preparation steps for moving your printer. Follow the instructions here for:

- “Cleaning the Print Head” (below)
- “Replacing an Ink Cartridge” on page 25
- “Aligning the Print Head” on page 34
- “Cleaning the Printer” on page 36
- “Transporting the Printer” on page 37

For more details, see your on-screen *Reference Guide*, as described on page 2.

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## Cleaning the Print Head

If your printed image is unexpectedly light, or dots or lines are missing from the image, you may need to clean the print head. This unclogs the nozzles so they can deliver ink properly. Cleaning the print head uses ink, so clean it only if print quality declines.

This section explains how to clean the print head using the printer’s Head Cleaning utility, which is the recommended method. Your printer must be connected directly to your computer, not on a network, to use the Head Cleaning utility.

You can also clean the print head using the control panel buttons. See your on-screen *Reference Guide* for details.




When you don’t turn on your printer for a long time, the print quality can decline. It’s a good idea to turn on your printer at least once a month to maintain good print quality.


If your paper comes with a cleaning sheet, don’t use it with your printer; it may jam inside the printer.

Follow these steps to run the Head Cleaning utility:



1. Make sure the printer is turned on but not printing.


The  power light should be on, but not flashing. Neither of the other lights should be flashing or on.



You can't clean the print head if the  ink out light is flashing or on. Replace the appropriate ink cartridge instead.


2. **Windows:** Right-click the  printer icon on your taskbar (in the lower right corner of your screen). Select Head Cleaning.

**Macintosh:** Open your application's File menu and choose Page Setup or Print. Click the  Utility button, then click the  Head Cleaning button.

3. Follow the instructions on the screen to clean the print head. Cleaning takes about 30 seconds, during which the printer makes some noise and the  power light flashes.



Never turn off the printer while the  power light is flashing, unless the printer hasn't moved or made noise for more than 5 minutes.

4. When the  power light stops flashing, run a nozzle check to confirm that the print head nozzles are clean.

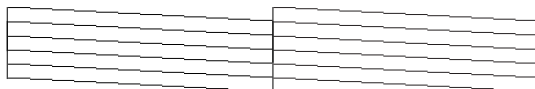
Make sure plain paper is loaded in the printer and click Print nozzle check pattern (Windows) or Confirmation (Macintosh). Follow the instructions on the screen to print a nozzle check pattern.

5. If the nozzle check pattern has no gaps in its lines, click Finish.

If the pattern has any gaps, click Clean to clean the print head again. If you don't see any improvement after cleaning three or four times, check the solutions in "Print Quality Problems" on page 46.

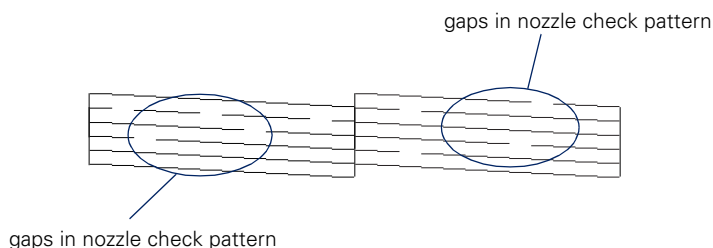
## Examining the Nozzle Check Pattern

Examine the nozzle check pattern you print. It should look something like this:





Each staggered horizontal and straight vertical line should be complete, with no gaps in the pattern. If your printout looks okay, you're done.

If there are gaps in the lines, clean the print head again; see page 23 for instructions.





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
## Replacing an Ink Cartridge

When the  ink out light is flashing, one of your ink cartridges is low on ink. This is a good time to make sure you have a new ink cartridge. When the  ink out light stays on, an ink cartridge is empty and you need to replace it.



You cannot print if any of the ink cartridges are empty. Leave the empty cartridge installed in the printer until you have obtained a replacement; otherwise the ink remaining in the print head nozzles may dry out.

If the  paper out or  power light are also flashing or on, check the table on page 41. You may have a paper jam or another problem.

When an ink cartridge has been installed in your printer for more than six months, you may need to replace it if you notice that your printouts don't look as good as they used to. If print quality doesn't improve after cleaning and aligning the print head, you can replace the cartridge even if the  ink out light isn't flashing.

Use these EPSON ink cartridges within six months of installing them and before the expiration date on the package:

- Black: T032120
- Cyan: T032220
- Magenta: T032320
- Yellow: T032420





To ensure good results, use genuine EPSON ink cartridges and do not refill them. Other products may cause damage to your printer not covered by EPSON's warranty.

When you need new ink cartridges, contact your dealer or call the EPSON Store<sup>SM</sup> at (800) 873-7766. You can also visit the EPSON Store at [www.epsonstore.com](http://www.epsonstore.com) (U.S. sales only). In Canada, please call (800) 873-7766 for dealer referral.


## Checking Your Ink Supply

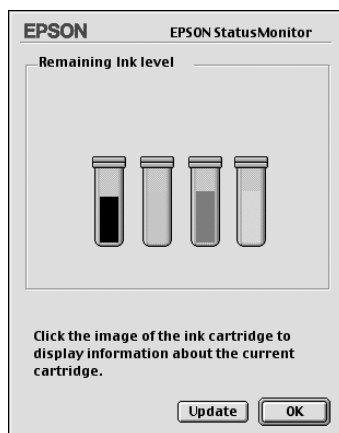
To check your ink supply, do one of the following:

- **Windows:** Double-click the  printer icon on your taskbar (in the lower right corner of your screen). You see a window like the one on the right showing ink levels:

You can also double-click the  Ink Monitor icon on the taskbar. The window that appears lets you check ink levels and also order cartridges online. Just click the Buy Now button to launch your web browser.



- **Macintosh:** Open your application's File menu and choose Print. Then click the  ink icon. You see a window like the one on the right:





## ***Ink Cartridge Precautions***

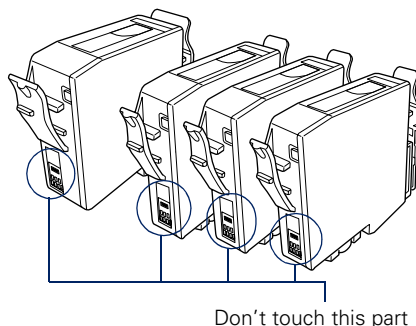


Don't remove the cartridge label, or ink will leak.

Don't remove the green IC chip from the cartridge. Installing a cartridge without an IC chip can damage the printer. Also, don't touch the green IC chip. This can damage the ink cartridge.

If you remove an ink cartridge temporarily, protect the ink supply port on the bottom of the cartridge from dirt and dust. Place it in a small box, or, if you have the original packaging, return it to its own box.

Store ink cartridges in the same environment as the printer. Stand the cartridges upright, as shown (the label identifying the color should be on top).



## ***Replacing an Empty or Low Ink Cartridge***

Be sure you have a new ink cartridge before you begin. Once you start the ink cartridge replacement procedure, you must complete all the steps in one session.

Follow these steps to replace ink cartridges when the  $\Delta$  ink out light is flashing or on:

1. Make sure the printer is turned on and not printing. The  $\odot$  power light should be on, but not flashing.
2. Lower the output tray and open the printer cover.

3. Press the  $\Delta$  ink cartridge replacement button. The print head moves to the left, and the cartridge that needs to be replaced stops under the  $\emptyset$  mark. The  $\odot$  power light also begins to flash.



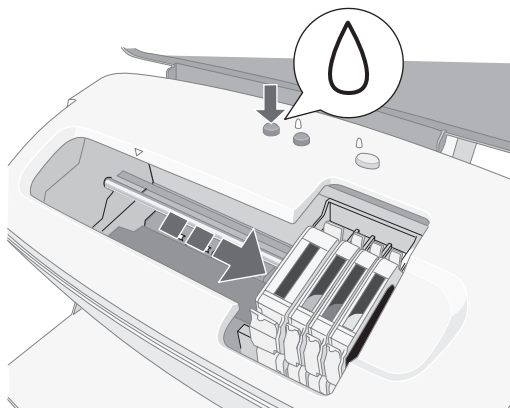
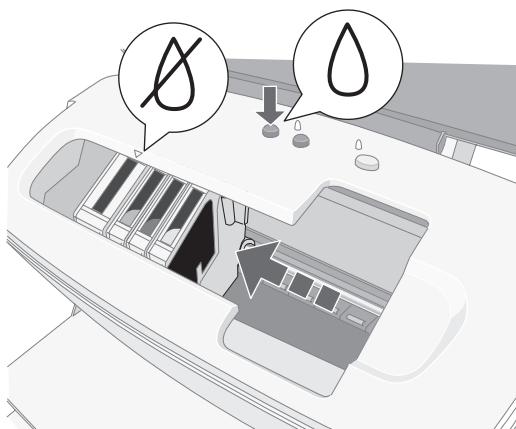
To avoid damaging the printer, never move the print head by hand.

4. Press the  $\Delta$  ink cartridge replacement button again.

- If more than one ink cartridge is empty, the next cartridge moves under the  $\emptyset$  mark. This happens after you press the  $\Delta$  ink cartridge replacement button for every ink cartridge that needs to be replaced.
- If all the empty cartridges have been identified, the print head moves to the ink cartridge replacement position.



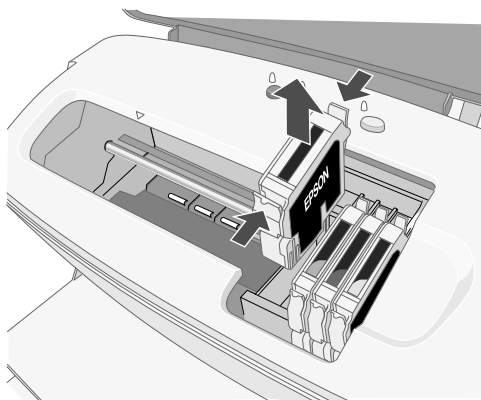
Don't press the  $\Delta$  ink cartridge replacement button for more than three seconds, or the printer will start to clean the print head.



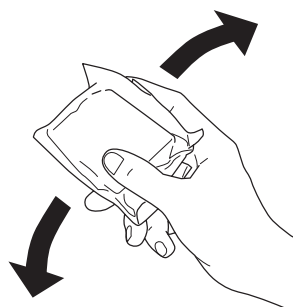
5. Pinch the front and back tabs of the empty cartridge as you lift it out of the printer. Don't take the used cartridge apart or try to refill it.



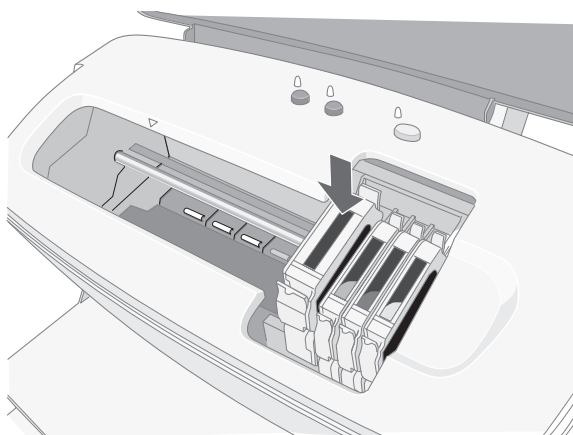
If ink gets on your hands, wash them thoroughly with soap and water. If ink gets into your eyes, flush them immediately with water.



6. Before you remove the new cartridge from its package, shake it four or five times.



7. Remove the cartridge from its package and lower it into the cartridge holder. Push down gently until the cartridge clicks into place.
8. Repeat steps 5 through 7 for each cartridge that you need to replace.



9. Close the printer cover and press the  $\Delta$  ink cartridge replacement button. The printer moves the print head and begins charging the ink delivery system.

The  $\Delta$  power light flashes and the printer makes noise. Charging takes about one minute. When it's finished, the  $\Delta$  power light stops flashing and stays on.




Never turn off the printer while the  $\Delta$  power light is flashing, unless the printer hasn't moved or made noise for more than 5 minutes.


## ***Replacing a Cartridge When Print Quality Declines***

Even if the  $\Delta$  ink out light isn't flashing or on, you may need to replace an ink cartridge if it's been installed in your printer for more than six months and print quality declines. If print quality doesn't improve after cleaning and aligning the print head, you can replace the cartridge(s) causing the problem.

Follow these steps to replace ink cartridges when print quality declines:

1. Print a nozzle check pattern to determine which cartridges need to be replaced:

**Windows:** Right-click the  printer icon on the Windows taskbar, and then click Nozzle Check.

**Macintosh:** Open your application's File menu and choose Print. Then click the  Utility button. On the Utility menu, click the Nozzle Check button.

2. Follow the instructions on the screen to print the nozzle check pattern. Then examine the pattern for gaps in the lines. You only need to replace those colors whose lines show gaps.
3. Make sure you have the correct replacement cartridges.



You must have the new ink cartridges before you continue. Once you start the ink cartridge replacement procedure, you must complete all the steps in one session.

4. Lower the output tray and open the printer cover.

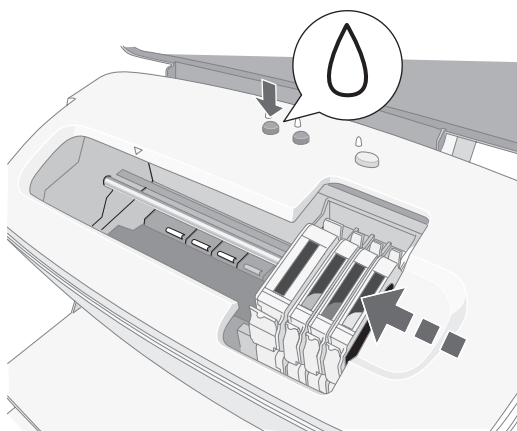
5. Press the  $\Delta$  ink cartridge replacement button. The print head moves to the ink cartridge replacement position, and the  $\odot$  power light begins to flash.



Don't press the  $\Delta$  ink cartridge replacement button for more than three seconds, or the printer will start to clean the print head.



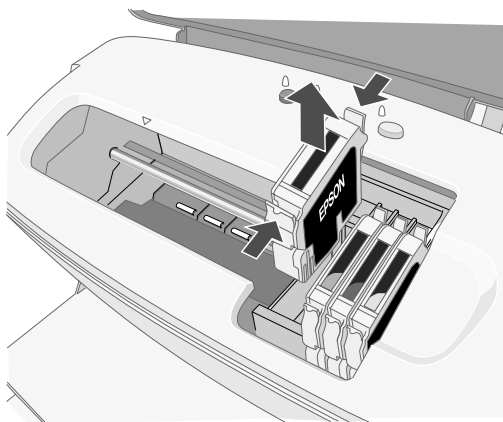
To avoid damaging the printer, never move the print head by hand.



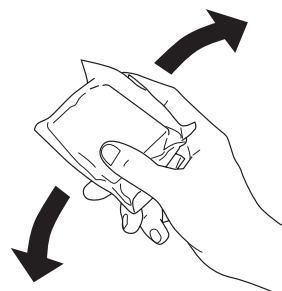
6. Pinch the front and back tabs of the cartridge as you lift it out of the printer. Don't take the used cartridge apart or try to refill it.



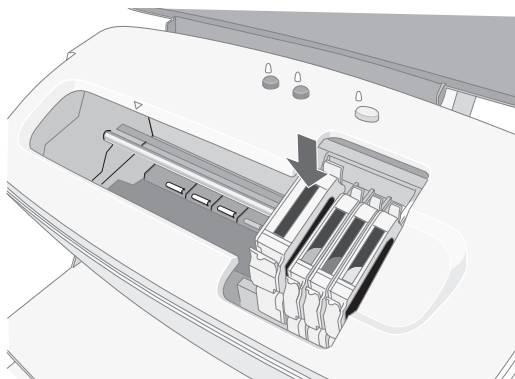
If ink gets on your hands, wash them thoroughly with soap and water. If ink gets into your eyes, flush them immediately with water.






7. Before you remove the new cartridge from its package, shake it four or five times.



8. Remove the cartridge from its package and lower it into the cartridge holder. Push down gently until the new cartridge clicks into place.
9. Repeat steps 6 through 8 for each cartridge you want to replace.



10. Close the printer cover and press the  ink cartridge replacement button. The printer moves the print head and begins charging the ink delivery system.

The  power light flashes and the printer makes noise. Charging takes about one minute. When it's finished, the  power light stops flashing and stays on.




Never turn off the printer while the  power light is flashing, unless the printer hasn't moved or made noise for more than 5 minutes.



# Aligning the Print Head

If your printouts contain misaligned vertical lines, you may need to align the print head. Your printer must be connected directly to your computer, not on a network, to use the Print Head Alignment utility.

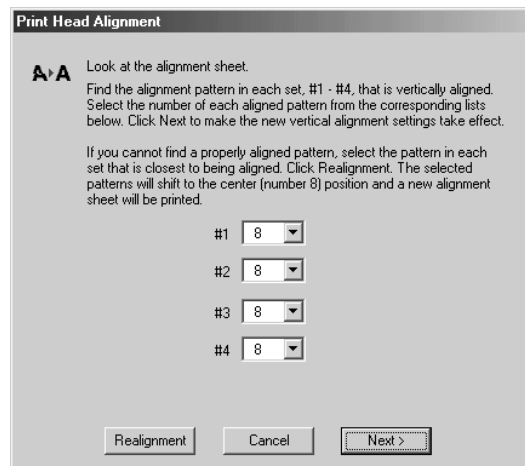


Load plain paper that's at least 8.27 inches (210 mm) wide to prevent ink from spraying inside the printer and smudging your printouts.

1. Make sure the printer is on but not printing, and letter-size plain paper is loaded.
2. **Windows:** Right-click the  printer icon on your taskbar (in the lower right corner of your screen) and select Print Head Alignment.

**Macintosh:** Open your application's File menu and choose Page Setup or Print. Then click the  Utility button. On the Utility menu, click the  Print Head Alignment button.

3. Follow the instructions on the screen to print a vertical alignment test page. You see this window:



**Print Head Alignment**

**A A** Look at the alignment sheet.

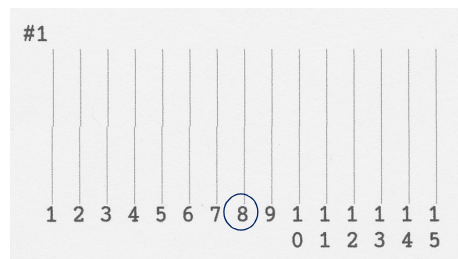
Find the alignment pattern in each set, #1 - #4, that is vertically aligned. Select the number of each aligned pattern from the corresponding lists below. Click Next to make the new vertical alignment settings take effect.

If you cannot find a properly aligned pattern, select the pattern in each set that is closest to being aligned. Click Realignment. The selected patterns will shift to the center (number 8) position and a new alignment sheet will be printed.

#1	8
#2	8
#3	8
#4	8

Realignment Cancel Next >

4. Look at the first group of lines on the printout. Select the the line with the cleanest, straightest edges and enter its number in box #1 on the screen.
5. Select the best line for each of the other groups of lines, and enter its number in the appropriate box.



Select the line in the first pattern with the cleanest, straightest edges. . .

6. Do one of the following:

- If the middle line (number 8) in each group is the best, your print head's vertical alignment is correct. Click Next to continue.
- If you select a number other than 8 for any of the groups, click Realignment and follow the instructions on the screen to print another vertical alignment test page. Repeat steps 4 through 6 until number 8 is the best line for each of the groups. Then click Next to continue.




and enter its number in the corresponding box on screen

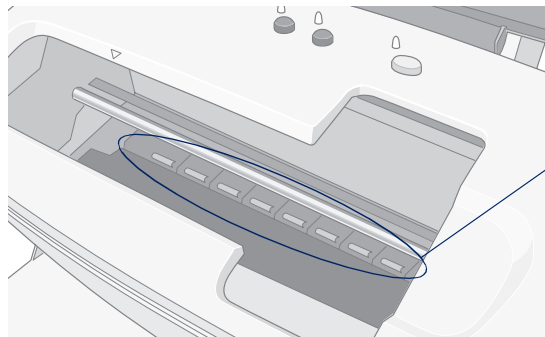
7. Follow the instructions on the screen to print a horizontal alignment test page. You see seven pairs of gray rectangles on the printout.
8. Select the pattern with the least white or black banding where the rectangles meet and enter the number on the screen.
9. Do one of the following:
  - If pattern number 4 is the best choice, your print head's horizontal alignment is correct. Click Finish.
  - If you enter any number but 4, click Realignment and follow the instructions to print another test page. Repeat steps 8 and 9 until pattern number 4 is the best choice. Then click Finish.



## Cleaning the Printer

To keep your printer working at its best, you should clean it several times a year.

1. Turn off the printer and wait for the  power light to go out.
2. Unplug the power cord and disconnect it from the printer.
3. Disconnect the printer cable from the printer.
4. Remove all the paper from the sheet feeder.
5. Clean the exterior of the printer with a soft, damp cloth. Keep the printer cover closed to prevent water from getting inside.
6. If ink leaks inside the printer, carefully wipe it off with a damp cloth.



If ink leaks inside, wipe here with a damp, lint-free cloth



Don't touch the gears inside the printer.

Make sure you use a soft cloth to clean the printer's lid; otherwise you may scratch it. Don't use a rough cloth, and never use a hard or abrasive brush to clean any part of the printer case.

Never use alcohol or thinner for cleaning; they can damage the printer components and case.

Don't get water on the printer components, and don't spray lubricants or oils inside the printer.

Don't use any cleaning sheets included with special media; they may jam inside the printer.


# Transporting the Printer

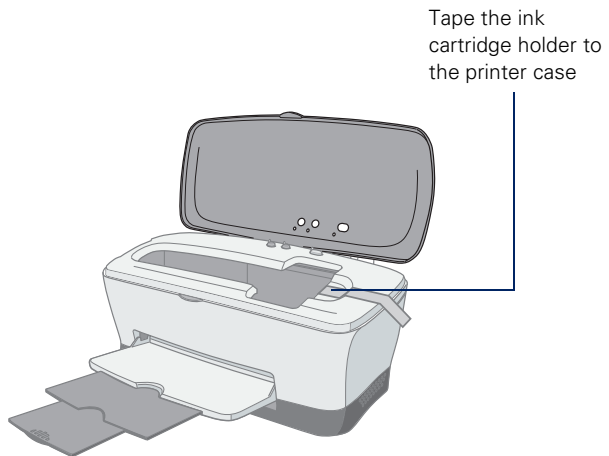
If you move your printer some distance, you need to prepare it for transportation in its original box or one of a similar size. Follow these steps:



To avoid damage, always leave the ink cartridges installed when transporting the printer.

Be sure to remove the tape used in step 5 after installing the printer in its new location.

1. Turn on the printer and wait until the print head locks in the far right position. Then press the  power button to turn the printer off.
2. Unplug the power cord from the electrical outlet and disconnect it from the printer.
3. Disconnect the printer cable from the printer.
4. Remove any paper from the printer and remove the paper support.
5. Open the printer cover. Secure the ink cartridge holder to the printer with tape as shown, then close the printer cover.
6. Push in the output tray extensions and close the tray.
7. Repack the printer and attachments in the original box using the protective materials that came with it. See the *Start Here* sheet for details.



Be sure to keep the printer level as you move it.

After transporting the printer, remove the tape securing the print head and test your printer. If you notice a decline in print quality, clean the print head (see page 23); if output is misaligned, align the print head (see page 34).



# Problem Solving

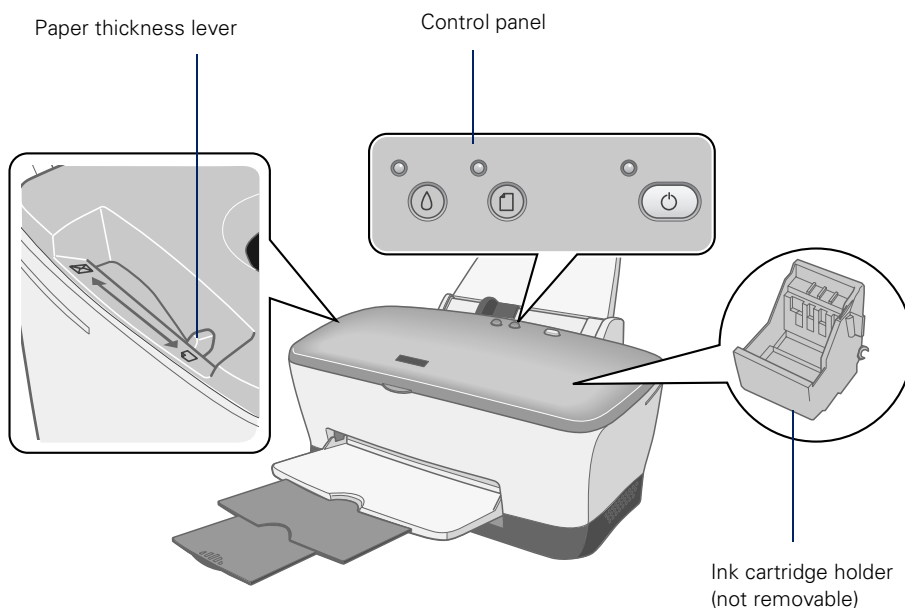
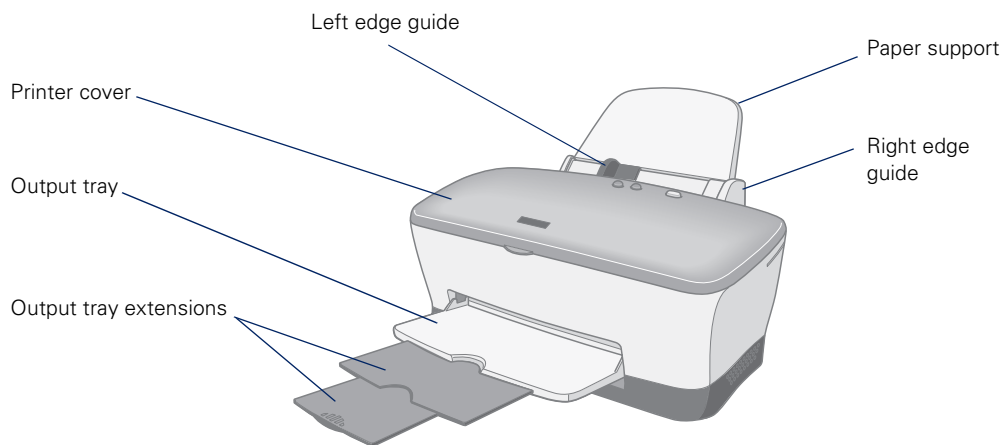
This section gives you the basics for diagnosing and solving printer problems.

- First see “Diagnosing Printer Problems” on page 41 to help determine what the cause of the problem may be.
- Then see “Problems and Solutions” on page 44 for solutions to common setup and printing problems.



It's a good idea to check EPSON's support web site periodically for possible updates to your printer driver. Visit <http://support.epson.com> and check the section for your product to see if there is a new driver available, free of charge, for downloading to your computer. Download instructions are posted for your convenience.

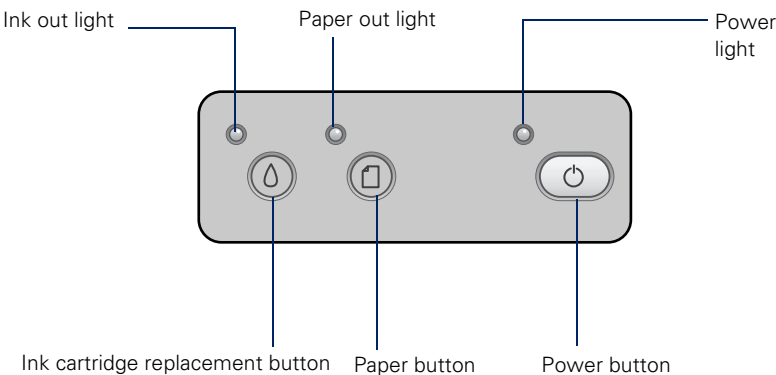
# Printer Parts



# Diagnosing Printer Problems

You can diagnose some problems by checking the printer’s control panel lights, as described in this section, or running a printer check, as described on page 43.

## Checking the Control Panel Lights







Follow the guidelines below when you check the control panel lights:

⏻ is on or flashing	The ⏻ power light is on when the printer is ready to print. It flashes when the printer is receiving a print job, charging ink, or cleaning the print head. It also flashes when the print head moves to the ink cartridge replacement position.
📄 is on	The printer is out of paper. Load paper as described on page 6, and then press the 📄 paper button to resume printing.
📄 is flashing and ⚠ is on	Paper has jammed in the printer. Press the 📄 paper button to eject the jammed paper. If that doesn’t clear the error, open the printer cover and remove any paper inside, including torn pieces. Then load a new stack of paper and press the 📄 paper button to resume printing.
⚠ is flashing	One of the ink cartridges is low on ink. Follow the instructions beginning on page 28 to replace the empty cartridge. If the ⚠ ink out light goes on after you’ve replaced a cartridge, you may have installed a cartridge your printer can’t use. Check the number on the ink cartridge package to make sure you’ve installed the correct cartridge.

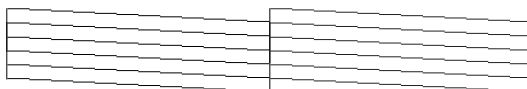
△ is on	One of the ink cartridges is out of ink. Follow the instructions beginning on page 28 to replace the empty cartridge. If the △ ink out light remains on after you've replaced a cartridge, you may have installed a cartridge your printer can't use. Check the number on the cartridge package to make sure you've installed the correct cartridge.
⏻ and 🔍 are flashing	Jammed paper may be blocking movement of the print head, or you may have an internal error. Turn off the printer, open the cover, and check for any jammed paper. Also, make sure you removed all the packing material, as described on the <i>Start Here</i> sheet. Then turn the printer back on. If the error isn't cleared, contact your dealer or EPSON. See page 54 for contact information.
⏻ and △ are on	<p>An ink cartridge was installed incorrectly.</p> <ul style="list-style-type: none"> <li>■ If the print head is at the home position (at the far right as you face the printer), open the printer cover and press the △ ink cartridge replacement button to move the cartridge holders to the replacement position. Remove and reinsert any cartridge that you've recently replaced. Make sure the cartridge clicks into place. Close the printer cover and press the △ ink cartridge replacement button again to finish installation.</li> <li>■ If the cartridge holders are already in the replacement position, remove and reinsert the ink cartridge. Then press the △ ink cartridge replacement button to finish installation.</li> </ul>
⏻, 🔍, and △ are flashing	An unknown printer error has occurred. Turn the printer off and contact your dealer or EPSON as described on page 54.
⏻ is off	<p>The printer is not receiving power. Try these solutions:</p> <ul style="list-style-type: none"> <li>■ Make sure the printer is turned on.</li> <li>■ Turn off the printer, plug in the power cord securely, and turn the printer on again.</li> <li>■ Make sure the outlet is working and is not controlled by a switch or timer. If in doubt, try another outlet.</li> </ul>

## Running a Printer Check

You can run a printer check to determine whether a problem comes from the printer itself or some other source. Follow these steps:

1. Make sure both the printer and computer are turned off. Then disconnect the interface cable from the printer.
2. Make sure letter-size or larger paper is loaded in the printer.
3. Hold down the  paper button, then press and release the  power button. Continue holding down the  paper button until the  power light starts to flash, then release it.

The printer prints one page showing its ROM version number, ink counter, and a nozzle check pattern. Only the nozzle check pattern is shown below. (If the pattern has gaps in its dots, you need to clean the print head; see page 23.)



4. To end the check, turn the printer off after it prints the check page. Then reconnect the interface cable and turn on your printer and computer.

If the check page prints, the problem probably lies in your software settings, the interface cable, or your computer. Another possibility is that your printer software may not be installed correctly.

If the check page doesn't print, you may have a problem with your printer. Try the suggestions in "Problems and Solutions" beginning on page 44. If nothing seems to work, contact your dealer or EPSON as described on page 54.





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## Problems and Solutions

Here are some troubleshooting tips if you have any problems setting up your printer, installing software, or printing.

### ***Problems Setting Up the Printer or Installing Software***

#### **The printer makes noise after ink cartridge installation.**

- The first time you install ink cartridges, the printer must charge its ink delivery system for about 90 seconds. Wait until charging finishes (the  power light stops flashing) before you turn off the printer or it may charge improperly and use excess ink the next time you turn it on. If the printer stops moving or making noise, but the  power light is still flashing after 5 minutes, turn off the printer. If the light is still flashing when you turn it back on, contact EPSON as described on page 54.
- Make sure no packing material remains in the printer. Turn off the printer, wait a moment, then turn it back on to clear the error.

#### **You're having problems installing the printer software.**

- Make sure your printer is turned on and the printer cable is securely connected at both ends. Then carefully follow the installation instructions on the *Start Here* sheet. Also make sure your system meets the requirements beginning on page 55.
- Close your other applications, including any screen savers and virus protection software, and install again.
- For Windows NT or 2000, if you see an error message or your software doesn't install correctly, you may not have software installation privileges. Contact your System Administrator.
- If your printer icon (C80 Series) doesn't appear in the Macintosh Chooser, you may have an extension conflict. Turn off any unnecessary extensions and restart your computer.

- For Windows 2000 or XP, don't select Block under Control Panel> System> Hardware> Driver Signing; select Ignore or Warn instead.
- Make sure Windows 98, Me, 2000 or XP was preinstalled on your system. The USB Printer Device Driver may not install correctly if you've upgraded your system from an earlier version of Windows.
- Make sure the Universal Serial Bus Controller is working properly. See your Windows online help system for details. If it's not working, contact your computer manufacturer.
- If you're printing over a network, see your on-screen *Reference Guide* for instructions on configuring your printer for use on a network.

## **Printing Problems**

### **The power light is on, but nothing prints.**

- Make sure the interface cable is connected securely and that the cable meets the system requirements on page 55 or page 56.
- Run a printer check as described on page 43. If the check page prints, make sure your printer software is installed correctly.
- If you're printing on a network, you need to set up your printer for network printing, as described in your on-screen *Reference Guide*.

### **The printer sounds as though it is printing, but nothing prints.**

- Make sure the print head nozzles are not clogged. To clean the print head, see page 23.
- The printer won't operate properly if it's tilted or at an angle. Place it on a flat, stable surface that extends beyond the printer base in all directions.

### **Your printer makes noise when you turn it on or after it has been sitting for awhile.**

Your printer is performing routine maintenance.

### **Printing is too slow.**

Make sure your system meets the requirements beginning on page 55. If you're printing a high-resolution image, you need more than the minimum requirements listed.

You may also need to:

- Clear space on your hard disk or run a defragmentation utility.
- Close open applications that you're not using.
- Increase your system's memory (RAM).

For the fastest printing, try these tips:

- Choose Black ink if your document doesn't include color.
- Set the Quality/Speed slider to Speed.
- In the printer software's Advanced dialog box, turn MicroWeave® off and/or turn High Speed on.
- Printing using a USB connection is faster than printing with a parallel connection.
- If you're using a USB port, too many active USB devices may slow the printer. Disconnect USB devices that you're not using.
- If you're using the parallel port, enable ECP/DMA mode. See your computer documentation or contact the manufacturer for help.

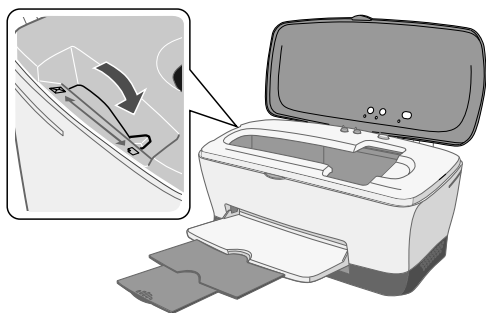
## ***Print Quality Problems***

### **You see banding (light lines).**



- The print head nozzles may need cleaning; see page 23 for instructions.
- Make sure the Media Type setting matches the paper you loaded; see page 14 for guidelines.
- Make sure the printable side of the paper is face up. It's usually whiter or shinier.
- The ink cartridges may need replacing. To replace an outdated ink cartridge, see page 31.
- Try using Automatic mode. See page 7 (Windows) or page 12 (Macintosh) for instructions.
- Run the Print Head Alignment utility; see page 34 for instructions.


- Set the paper thickness lever to the ☐ position. Set the lever to the ☒ position when you print on thicker paper or envelopes. You may also need to turn off High Speed in the printer software.

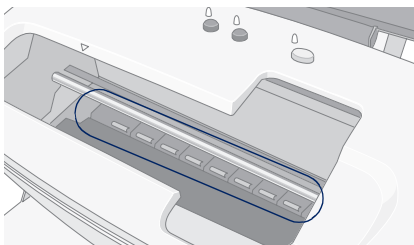


### Your printout is blurry or smeared.



- Make sure your paper isn't damp or curled, or loaded face down (the printable side should be face up).
- Use a support sheet with special paper, or try loading your paper one sheet at a time.
- Make sure your paper meets the specifications listed in the on-screen *Reference Guide*, and that it's compatible with your printer. Use plain paper or one of the media types listed on the inside back cover.
- Use EPSON papers to ensure proper saturation and absorption of genuine EPSON inks. Non-EPSON media may not be compatible and may produce ink bleeding or pooling.
- Run the Print Head Alignment utility. See page 34 for instructions.
- Check the paper thickness lever position. If it's in the ☒ position, your printer is set for thicker paper or envelopes and your image may smear. For most papers, set the paper thickness lever to the ☐ position, as shown to the left.
- Remove each sheet from the output tray after printing, especially when you're printing on transparencies.
- Let your print dry completely before you handle it. Prints made on Premium Glossy Photo Paper or Premium Semigloss Photo Paper take longer to dry. Follow the instructions included in your media pack.

- Load a new sheet of plain paper and press the  paper button to eject it. Do this several times. If you still have a problem, ink may have leaked inside the printer. Open the printer cover and wipe the area circled in the illustration below with a soft, clean cloth.



### **Your printout is faint or has gaps in the image.**



- The print head nozzles may need cleaning; see page 23 for instructions.
  - Run the print head alignment utility; see page 34 for instructions.
  - The ink cartridges may be old or low on ink. To replace an ink cartridge, see page 25.
- Make sure the Media Type setting matches the paper you loaded. See page 14 for guidelines.
  - Make sure your paper isn't damaged, old, dirty, or loaded face down. If it is, reload a new stack of paper with the printable side up; it is usually whiter or shinier than the other side.

### **You see wrong or missing colors.**

- If you're printing color images, make sure both your application and printer software are set for color printing.
- The print head nozzles may need cleaning; see page 23 for instructions.
- The ink cartridges may be old or low on ink. To replace an ink cartridge, see page 25.
- For best results, use genuine EPSON ink cartridges.
- Try turning off PhotoEnhance. Also check if you're using a special effect that alters image colors, like Sepia.
- Try using Automatic mode. See page 7 (Windows) or 12 (Macintosh) for instructions.

- The color profiles built into your printer software automatically reference your monitor profile. Make sure that your monitor is calibrated correctly.
- Try experimenting with the Gamma setting on the Advanced dialog box; see page 18 for information about accessing the Advanced dialog box.
- The colors produced by DuraBrite inks may look slightly different than those produced by ordinary dye-based ink.
- Due to the nature of pigment inks, lighting conditions can affect the appearance of printer output. For example, a print viewed in daylight may appear to have a slightly different color balance when viewed under tungsten lighting. Your printer software was designed to represent color accurately when prints are illuminated with a D50 (daylight) light source.
- Your printed colors can never exactly match your on-screen colors. However, you can use a color management system to get as close as possible.

### **Your printout is grainy.**


- Try using a higher quality paper.
- Set the Quality/Speed slider to the Quality setting in your printer software; see page 7 (Windows) or 12 (Macintosh).
- You may need to increase the image resolution or print it in a smaller size; see your software documentation.

### **Some parts of your print are not as glossy as others.**



Because of the nature of pigment inks, the degree of gloss may be uneven on glossy photo papers. Surface gloss decreases with greater pigment saturation.

## ***Problems with Paper Feeding***

### **Paper doesn't eject fully or is wrinkled.**

- If the paper doesn't eject fully, you may have set the wrong paper size. Press the  paper button to eject the paper, then select the correct paper size in your application or printer software.
- If it's wrinkled when it ejects, the paper may be damp or too thin.

### **Paper doesn't feed correctly or jams in the printer.**

- If paper doesn't feed, remove it from the sheet feeder, reload it against the right edge, then slide the left edge guide against the paper.
- If multiple pages feed at once, remove the stack from the sheet feeder, fan the edges to separate the sheets, and carefully reload it. Make sure the paper lies flat against the paper support.
- If paper jams, press the  paper button for several seconds to clear the jam. If that doesn't work, turn off the printer and gently pull the paper forward (toward the output tray) to pull it out. Reload the paper and press the  paper button to resume printing.

If your paper jams frequently:

- Use new, smooth, high-quality paper, loaded printable side up.
- Don't load paper above the arrow mark on the left edge guide.
- If you're printing on both sides of the paper, try loading fewer sheets.
- Place the paper against the right edge and slide the left edge guide against it, but not too tightly.

## ***Solving Miscellaneous Printout Problems***

### **The image is inverted.**

Turn off Flip Horizontal in the printer software or the mirror setting in your application.

### **The printer prints blank pages.**

- Make sure your printer is selected in your application, or as the active printer in the Macintosh Chooser.
- The print head nozzles may need cleaning. See page 23.

### **The margins are incorrect.**

- Make sure the paper settings in your printer software are correct for your paper size. See the on-screen *Reference Guide* for instructions.
- See your software documentation for instructions on choosing the correct margins for your paper size. The margins must be within the printable area of the page. See "Printer Specifications" in your on-screen *Reference Guide*.

### **Image size or position is incorrect.**

Make sure paper and layout options are set correctly.

### **You see incorrect characters.**

- Make sure the interface cable is securely connected and meets the system requirements on page 55 or page 56. Then try printing again.
- Make sure your printer is selected in your application, or as the active printer in the Macintosh Chooser.
- If you're using a switch box with your printer, connect the printer directly to your computer.

### **The wrong number of copies prints.**

Check the Copies setting in both your printer software and application. If you're running Windows, check the Copies setting in the Windows Print dialog box.

### **There are scratch marks on your print.**

If you're printing on Premium Glossy or Premium Semigloss Photo Paper, prints have a tendency to scratch if not handled properly. Don't place objects on top of your prints, and be careful not to scratch them with your fingernails. For best results, frame your prints under glass.



---



## Uninstalling Printer Software

If you need to uninstall and then reinstall your printer software, such as when you upgrade your computer operating system, follow these steps:

### *Uninstalling Windows Software*

1. On your Windows Start menu, click Programs (All Programs for Windows XP).
2. Click Epson (or EPSON Printers), then EPSON Printer Software Uninstall.
3. Click OK on the next screen.
4. Follow the instructions on the screen to uninstall the printer software.
5. Restart your computer when you're done.

### *Uninstalling Macintosh Software*

1. Insert your printer software CD-ROM in your drive. Then double-click the  EPSON icon in your CD-ROM window. (You may need to double-click the  EPSON icon on your desktop to open the window.) You see the Main Menu.
2. Click Install Printer Driver, then click Continue.
3. On the installer screen, click the arrow in the Easy Install list at the top and select Uninstall. Then click the Uninstall button at the bottom and follow the instructions. When you're finished, click Quit.
4. Restart your Macintosh.




## Reinstalling Printer Software

Before reinstalling your printer software, first uninstall it as described on page 52. Then follow the instructions below.





For detailed installation instructions, see your *Start Here* sheet. Remember that you don't need to reinstall your on-screen *Reference Guide*, and you won't see the license agreement.

### Windows

1. Insert your printer software CD-ROM. Double-click  My Computer (for Windows XP, click Start first), and then double-click your  CD-ROM or DVD drive icon.
2. Double-click the  EPSON icon. The Main Menu appears.
3. Click Install Printer Driver and follow the instructions on your screen. Restart your computer when you're done installing software.

### Macintosh

1. Insert your printer software CD-ROM. Then double-click the  EPSON icon that appears on your desktop to open the CD-ROM window.
2. Double-click the  EPSON icon in your CD-ROM window. You see the Main Menu.
3. Click Install Printer Driver and follow the instructions on your screen. Restart your Macintosh when you're done.

---

## Where To Get Help

If you need help with your printer, see the contact information below. For help using any other software with your printer, see your software's documentation for technical support information.

## EPSON Technical Support

EPSON provides technical assistance 24 hours a day through the electronic support services and automated telephone services listed in the following table:

Service	Access
World Wide Web	From the Internet, you can reach EPSON Support at <b><a href="http://support.epson.com">http://support.epson.com</a></b> . At this site, you can download drivers and other files, look at product documentation, access troubleshooting information, and receive technical advice through e-mail.
Automated Telephone Services	A variety of automated help services are available 24 hours a day, seven days a week. To use these services, you must have a touch tone telephone and call <b>(800) 922-8911</b> . Your EPSON SoundAdvice <sup>SM</sup> Express Code is 71000. Use this code to quickly select the EPSON Stylus C80 in EPSON SoundAdvice.

To speak to a technical support representative, dial:

- U.S.: (562) 276-7525, 6 AM to 8 PM, Pacific Time, Monday through Friday and 7 AM to 4 PM, Saturday.
- Canada: (905) 709-2567, 6 AM to 6 PM, Pacific Time, Monday through Friday.

Toll or long distance charges may apply.

Before you call, please have the following information ready:

- Product name (EPSON Stylus C80)
- Product serial number (located on the back of the printer)
- Proof of purchase (such as a store receipt) and date of purchase
- Computer configuration
- Description of the problem

You can purchase ink cartridges, paper, manuals, and accessories from EPSON at (800) 873-7766, or visit [www.epsonstore.com](http://www.epsonstore.com) (U.S. sales only). In Canada, please call (800) 873-7766 for dealer referral.

# Requirements and Notices

This chapter includes system requirements, safety instructions, legal notices, and other important information.

---

## Windows System Requirements

To use your printer and its software, your system should have:

- A Microsoft Windows compatible PC with a Pentium® or better processor, 200 MHz or faster, recommended
- Windows 95, Windows 98, Windows Me, Windows NT 4.x, Windows 2000, or Windows XP
- 32MB of RAM (64MB recommended)
- 100MB of free hard disk space (200MB or more recommended)
- VGA or better display adapter and monitor
- CD-ROM or DVD drive for installing the printer software
- Parallel connection: a high-speed, bidirectional IEEE-1284 compliant parallel cable, up to 10 feet long (3 meters); the cable must have a D-SUB, 25-pin, male connector for your computer, and a 36-pin, Centronics® compatible connector for the printer.

USB connection: a computer running Windows 98, Windows Me or Windows 2000, with a Windows-compliant USB port and a shielded USB “AB” cable.



Using an improperly shielded USB cable may cause the printer to malfunction.

---

# Macintosh System Requirements

To use your printer and its software, your system should have:

- An Apple® iMac™ series or Power Macintosh® G3 or G4 with built-in USB port
- Mac® OS 8.5.1 through 9.1 (Mac OS 9.1 recommended)
- 32MB of available RAM (64MB recommended)
- 100MB of free hard disk space (200MB recommended)
- VGA display or better
- CD-ROM or DVD drive for installing the printer software
- A shielded USB “AB” cable.



Using an improperly shielded USB cable may cause the printer to malfunction.

---

## ENERGY STAR Compliance

As an ENERGY STAR Partner, EPSON has determined that this product meets the ENERGY STAR guidelines for energy efficiency. The EPA ENERGY STAR office equipment program is a voluntary partnership with the computer and office equipment industry to promote the introduction of energy-efficient personal computers, monitors, printers, fax machines, and copiers in an effort to reduce air pollution caused by power generation.






---

## Important Safety Instructions

Before using your printer, read the following safety instructions to make sure you use the printer safely and effectively:

- Be sure to follow all warnings and instructions marked on the printer.
- Use only the type of power source indicated on the printer's label.
- Connect all equipment to properly grounded power outlets. Avoid using outlets on the same circuit as photocopiers or air control systems that regularly switch on and off.
- Place the printer near a wall outlet where the plug can be easily unplugged.  
*Placez l'imprimante près d'une prise de contact où la fiche peut être débranchée facilement.*
- Do not let the power cord become damaged or frayed.
- If you use an extension cord with the printer, make sure the total ampere rating of the devices plugged into the extension cord does not exceed the cord's ampere rating. Also, make sure the total ampere rating of all devices plugged into the wall outlet does not exceed the wall outlet's ampere rating.
- Keep your printer and computer system away from potential sources of electromagnetic interference, such as loudspeakers or cordless telephone base units.
- Avoid locations that are subject to rapid changes in heat or humidity, shocks or vibrations, or dust.
- Leave enough room around the printer for sufficient ventilation.
- Do not place the printer near a radiator or heating vent or in direct sunlight.
- Place the printer on a flat, stable surface that extends beyond the printer base in all directions. The printer will not operate properly if it is tilted or at an angle.
- Turn off and unplug the printer before cleaning. Clean with a damp cloth only. Do not spill liquid on the printer.

- Always turn the printer off using the  power button. The  power light flashes briefly and then goes off. Don't switch off the power strip or unplug the printer until the  power light is off.
- Do not block or cover the openings in the printer's case or insert objects through the slots.
- Except as specifically explained in this manual, do not attempt to service the printer yourself.
- Unplug the printer and refer servicing to qualified service personnel under the following conditions:

If the power cord or plug is damaged; if liquid has entered the printer; if the printer has been dropped or the case damaged; if the printer does not operate normally or exhibits a distinct change in performance. Adjust only those controls that are covered by the operating instructions.

## ***Ink Cartridge Safety Instructions***

- Keep ink cartridges out of the reach of children and do not drink the ink.
- Be careful when you handle used ink cartridges; there may be ink remaining around the ink supply port. If ink gets on your skin, wash it off with soap and water. If it gets in your eyes, flush them immediately with water.
- Do not put your hand inside the printer or touch the cartridge during printing.
- Do not move the print head by hand. You may damage the printer.
- Install the ink cartridge immediately after you remove it from its plastic package. Leaving the cartridge unpacked for a long time before use can result in reduced print quality.
- Do not use an ink cartridge beyond the date printed on the cartridge carton. For best results, use up the ink cartridges within six months of first installing them.
- Store ink cartridges in a cool, dark place.
- After bringing an ink cartridge inside from a cold storage site, allow it to warm up at room temperature for at least three hours before using it.
- Do not dismantle the ink cartridges or try to refill them. This could damage the print head.
- Do not touch the green IC chip on the side of the cartridge. This may affect normal operation and printing.
- If you remove an ink cartridge for later use, protect the ink supply area from dirt and dust and store it in the same environment as the printer. Note that there is a valve in the ink supply port, making covers or plugs unnecessary, but care is needed to prevent the ink from staining items that the cartridge touches. Do not touch the ink cartridge ink supply port or surrounding area.
- Before transporting the printer, make sure the print head is capped in the far right position and the ink cartridges are in place. Tape the ink cartridge holder to the printer case to make sure it remains in the proper position.

# FCC Compliance Statement

## For United States Users

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio and television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## WARNING

The connection of a non-shielded equipment interface cable to this equipment will invalidate the FCC Certification of this device and may cause interference levels which exceed the limits established by the FCC for this equipment. It is the responsibility of the user to obtain and use a shielded equipment interface cable with this device. If this equipment has more than one interface connector, do not leave cables connected to unused interfaces. Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

## For Canadian Users

This Class B digital apparatus complies with Canadian ICES-003.

*Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.*



## Declaration of Conformity

According to 47CFR, Part 2 and 15 for Class B Personal Computers and  
Peripherals; and/or CPU Boards and Power Supplies used with Class B Personal  
Computers:

We: EPSON AMERICA, INC.  
Located at: MS: 3-13  
3840 Kilroy Airport Way  
Long Beach, CA 90806-2469  
Telephone: (562) 290-5254

Declare under sole responsibility that the product identified herein, complies with 47CFR Part 2 and 15 of the FCC rules as a Class B digital device. Each product marketed is identical to the representative unit tested and found to be compliant with the standards. Records maintained continue to reflect the equipment being produced can be expected to be within the variation accepted, due to quantity production and testing on a statistical basis as required by 47CFR §2.909. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Trade Name: EPSON  
Type of Product: Ink Jet Printer  
Model: EPSON Stylus C80: P340A

## Epson America, Inc. Limited Warranty

*What Is Covered:* Epson America, Inc. (“Epson”) warrants to the first retail purchaser that the EPSON printer covered by this limited warranty statement, if purchased and used in the United States or Canada, conforms to the manufacturer’s specifications and will be free from defects in workmanship and materials for a period of one (1) year from the date of original purchase. Epson also warrants that the consumable ink cartridges enclosed with the printer will perform to the manufacturer’s specified usage, which usage may expire before the expiration of the limited warranty for the EPSON printer. For warranty service, you must provide proof of the date of original purchase.

*What Epson Will Do To Correct Problems:* Should your EPSON printer prove defective during the warranty period, please call the EPSON Connection<sup>SM</sup> at (562) 276-7525 (U.S.) or (905) 709-2567 (Canada) for warranty repair instructions and return authorization. An Epson service technician will provide telephone diagnostic service to determine whether the printer requires service. If service is needed, Epson will, at its option, exchange or repair the printer without charge for parts or labor. If Epson authorizes an exchange for the defective unit, Epson will ship a replacement printer to you, freight prepaid, so long as you use an address in Canada or the U.S. (excluding Puerto Rico and U.S. Possessions). Shipments to other locations will be made freight collect. You are responsible for securely packaging the defective unit and returning it to Epson within five (5) working days of receipt of the replacement. Epson requires a debit or a credit card number to secure the cost of the replacement printer in the event that you fail to return the defective one. If your printer is being repaired, Epson will direct you to send your printer to Epson or its authorized service center, where the printer will be fixed and sent back to you. You are responsible for packing the printer and for all costs to and from the Epson authorized service center. When warranty service involves the exchange of the printer or a part, the item replaced becomes Epson property. The replacement printer or part may be new or refurbished to the Epson standard of quality, and, at Epson’s option, may be another model of like kind and quality. Epson’s liability for replacement of the covered printer will not exceed the original retail selling price of the covered printer. Exchange products and parts assume the remaining warranty period of your original product covered by this limited warranty.

*What This Warranty Does Not Cover:* This warranty covers only normal use in the United States and Canada. This warranty is not transferable and will not apply to products purchased from an end user. This warranty does not cover any color change or fading of prints or reimbursement of materials or services required for reprinting. This warranty does not cover damage to the EPSON product caused by parts or supplies not manufactured, distributed or certified by Epson. This warranty does not cover ribbons, ink cartridges or third party parts, components, or peripheral devices added to the EPSON product after its shipment from Epson, e.g., dealer or user-added boards or components. Epson is not responsible for warranty service should the Epson label or logo or the rating label or serial number be removed or should the product fail to be properly maintained or fail to function properly as a result of misuse, abuse, improper installation, neglect, improper shipping, damage caused by disasters such as fire, flood, and lightning, improper electrical current, software problems, interaction with non-Epson products, or service other than by an Epson Authorized Servicer. If a claimed defect cannot be identified or reproduced, you will be held responsible for the costs incurred.

THE WARRANTY AND REMEDY PROVIDED ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS OR IMPLIED WARRANTIES INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT OR

FITNESS FOR A PARTICULAR PURPOSE. SOME LAWS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES. IF THESE LAWS APPLY, THEN ALL EXPRESS AND IMPLIED WARRANTIES ARE LIMITED TO THE WARRANTY PERIOD IDENTIFIED ABOVE. UNLESS STATED HEREIN, ANY STATEMENT OR REPRESENTATIONS MADE BY ANY OTHER PERSON OR FIRM ARE VOID. EXCEPT AS PROVIDED IN THIS WRITTEN WARRANTY, NEITHER EPSON AMERICA, INC. NOR ITS AFFILIATES SHALL BE LIABLE FOR ANY LOSS, INCONVENIENCE, OR DAMAGE, INCLUDING DIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, RESULTING FROM THE USE OR INABILITY TO USE THE EPSON PRODUCT, WHETHER RESULTING FROM BREACH OF WARRANTY OR ANY OTHER LEGAL THEORY.

In Canada, warranties include both warranties and conditions.

Some jurisdictions do not allow limitations on how long an implied warranty lasts, and some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary from jurisdiction to jurisdiction.

Epson America, Inc. ● P.O. Box 93012 ● Long Beach, CA 90809-3012

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# EPSON Ink Jet Papers

Use EPSON paper and inks to get the best results from your EPSON printer! EPSON papers are specially designed to work with EPSON quick drying inks.



## ***Premium Bright White Paper***

Premium Bright White Paper has a sleek, ultra-smooth surface, and 108+ brightness. This paper delivers crisp black text and vivid, colorful images. It's perfect for everyday printing—especially two-sided documents.

## ***Double-Sided Matte Paper***

Double-Sided Matte Paper is coated on both sides with a flat matte finish for photographic quality output. It's the ideal media when you need high-quality double-sided printing for brochures, newsletters, or flyers.



## ***Matte Paper - Heavyweight***

Professional-looking, flat matte finish for printing photos and graphics on a non-glossy surface. Perfect for digital fine art work. Your prints last longer than with other media, especially when you display them under glass or store them in photo albums.

Featuring EPSON's exclusive new DuraBrite™ ink technology for superior clarity, lightfastness, and water resistance.



For more information on other EPSON products and fun project ideas, look for the EPSON Print Lab<sup>SM</sup> Series at [www.epsonstore.com](http://www.epsonstore.com).

*See the inside back cover for a list of EPSON papers and ordering information.*

# How To Order EPSON Ink and Paper

To order EPSON ink cartridges and paper, call (800) 873-7766 or visit the EPSON Store at [www.epsonstore.com](http://www.epsonstore.com) (U.S. sales only). In Canada, please call (800) 873-7766 for dealer referral.

## EPSON Ink Cartridges

Black T032120

Cyan T032220

Magenta T032320

Yellow T032420



## EPSON Papers

Paper name	Size	Part number
EPSON Premium Bright White Paper	Letter (8.5 x 11 inches)	S041586
EPSON Photo Quality Ink Jet Paper	Letter (8.5 x 11 inches)	S041062
	Legal (8.5 x 14 inches)	S041067
	A4 (8.3 x 11.7 inches)	S041061
EPSON Photo Quality Ink Jet Cards	A6 (4.1 x 5.8 inches)	S041054
EPSON Double-Sided Matte Paper	Letter (8.5 x 11 inches)	S041568
EPSON Archival Matte Paper	Letter (8.5 x 11 inches)	S041341
	A4 (8.3 x 11.7 inches)	S041342
EPSON Matte Paper - Heavyweight	Letter (8.5 x 11 inches)	S041257
	A4 (8.3 x 11.7 inches)	S041258
EPSON Premium Glossy Photo Paper	Letter (8.5 x 11 inches)	S041286
EPSON Premium Semigloss Photo Paper	Letter (8.5 x 11 inches)	S041331
	A4 (8.3 x 11.7 inches)	S041332
EPSON Ink Jet Transparencies	Letter (8.5 x 11 inches)	S041064
	A4 (8.3 x 11.7 inches)	S041063
EPSON Photo Quality Self Adhesive Sheets	A4 (8.3 x 11.7 inches)	S041106



Not all paper types match the Media Type setting names in your printer software. See the table on page 14 or the instructions that came with your paper to select the correct Media Type setting.

EPSON is always adding new papers to this list. Visit the EPSON Store at [www.epsonstore.com](http://www.epsonstore.com) and check out the latest media.